

# INFORMATION DISCLOSURE STATEMENT

SHEET 1 OF 2

Complete if known

Application Number: 09/700,732

Filing Date: March 19, 2001

First Named Inventor: David M. Whitcombe, et al.

Group Art Unit: 1645

Examiner Name: Not Yet Assigned

Attorney Docket Number: 0380-P02328USO

## UNITED STATES PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE MM-DD-YYYY	FIRST NAMED INVENTOR
Ac	A1	5,266,498	11/30/1993	Tarcha
	A2	5,306,403	04/26/1994	Vo-Dinh
	A3	5,721,102	02/24/1998	Vo-Dinh

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	DOCUMENT NUMBER	COUNTRY OR REGION	DATE OF PUBLICATION MM-DD-YYYY	FIRST NAMED INVENTOR OR APPLICANT
	B1	0 667 398 A2	EP	08/16/1995	Kyoto Dai-ichi Kagaku Co., Ltd.
	B2	0 838 528 A1	EP	04/29/1998	Kyoto Daiichi Kagaku Co., Ltd.
	B3	WO 97/05280	WO	02/13/1997	University of Strathclyde
	B4	WO 96/41181	WO	12/19/1996	Medifor, Ltd.

## OTHER PRIOR ART - NON-PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in Capital Letters), title of the article (when appropriate), title of the item(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
1	C1	KNEIPP, K. et al., "Surface Enhanced Raman Scattering (SERS) of Nucleic Acids Adsorbed on Colloidal Silver Particles"; Journal of Molecular Structure, 145: 173-179 (1986) [Abstract]
2	C2	MUNRO, C.H. et al., "Qualitative and Semi-quantitative Trace Analysis of Acidic Monoazo Dyes by Surface Enhanced Resonance Raman Scattering"; Analyst, 120: 993-1003 (1995)
3	C3	HELMENSTINE, A. et al., "Measurement of DNA Adducts Using Surface-Enhanced Raman Spectroscopy"; Journal of Toxicology and Environmental Health, 40: 195-202 (1993)
	C4	MIRKIN, C.A. et al., "A DNA-based method for rationally assembling nanoparticles into macroscopic materials"; Nature, 382: 607-609 (1996)
	C5	STORHOFF, J.J. et al., "One Pot Colormetric Differentiation of Polynucleotides with Single Base Imperfections Using Gold Nanoparticle Probes"; J. Am. Chem. Soc., 120: 1959-1964 (1998) [Abstract]
Ac	C6	BETHELL, D. et al., "Nanotechnology and nucleotides"; Nature, 382: 581 (1996)

EXAMINER'S  
SIGNATURE

Anur K. Chakrabarti

DATE  
CONSIDERED

2/12/02

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw a line through citation if citation not in conformance and reference not considered. Include a copy of this form with next communication to applicant.

**INFORMATION  
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SHEET 2 OF 2

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SEP 06 2001

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AC	C7	ALIVISATOS, A.P. et al., "Organization of 'nanocrystal molecules' using DNA"; Nature, 382: 609-611 (1996)
	C8	MUNRO, C.H. et al., "Characterization of the Surface of a Citrate-Reduced Colloid Optimized for Use as a Substrate for Surface-Enhanced Resonance Raman Scattering"; Langmuir, 11: 3712-3720 (1995)
	C9	BERTOLUZZA, A. et al., "Raman and Infrared Spectra of Spermidine and Spermine and their Hydrochlorides and Phosphates as a Basis for the Study of the Interactions Between Polyamines and Nucleic Acids"; Journal of Raman Spectroscopy, 14(6): 386-394 (1983)
	C10	COTTON, T.M. et al., "Application of Surface-Enhanced Raman Spectroscopy to Biological Systems"; Journal of Raman Spectroscopy, 22: 729-742 (1991)
	C11	EGHOLM, M., "Spectrometry senses more than a small difference"; Nature Biotechnology, 15: 1346 (1997)
✓	C12	GRAHAM, D. et al., "Selective Detection of Deoxyribonucleic Acid at Ultralow Concentrations by SERRS"; Analytical Chemistry, 69(22): 4703-4707 (1997)
AC	C13	RODGER, C. et al., "Surface-enhanced resonance-Raman scattering: an informative probe of surfaces"; J. Chem. Soc. Dalton Trans., 791-799 (1996)

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